| Electronic Patent Application Fee Transmittal |  |          |          |        |                         |  |  |  |
|---|--|----------|----------|--------|-------------------------|--|--|--|
| Application Number:                           | 10658494   |          |          |        |                         |  |  |  |
| Filing Date:                                  | 08-Sep-2003  |          |          |        |                         |  |  |  |
| Title of Invention:                           | Integrated NOx trap and particulate filter for internal combustion engines |          |          |        |                         |  |  |  |
| First Named Inventor/Applicant Name:          | Ke Liu   |          |          |        |                         |  |  |  |
| Filer:  | Lisa Kay Holthus   |          |          |        |                         |  |  |  |
| Attorney Docket Number:                       | TH3098   |          |          |        |                         |  |  |  |
| Filed as Large Entity                         |  |          |          |        |                         |  |  |  |
| Utility Filing Fees                           |  |          |          |        |                         |  |  |  |
| Description                                   |  | Fee Code | Quantity | Amount | Sub-Total in<br>USD(\$) |  |  |  |
| Basic Filing:                                 |  |          |          |        |                         |  |  |  |
| Pages:  |  |          |          |        |                         |  |  |  |
| Claims:                                       |  |          |          |        |                         |  |  |  |
| Miscellaneous-Filing:                         |  |          |          |        |                         |  |  |  |
| Petition:                                     |  |          |          |        |                         |  |  |  |
| Patent-Appeals-and-Interference:              |  |          |          |        |                         |  |  |  |
| Post-Allowance-and-Post-Issuance:             |  |          |          |        |                         |  |  |  |
| Extension-of-Time:                            |  |          |          |        |                         |  |  |  |
| Extension - 2 months with \$0 paid            |  | 1252     | 1        | 460    | 460                     |  |  |  |

| Description                             | Fee Code | Quantity | Amount | Sub-Total in<br>USD(\$) |
|---|----------|----------|--------|-------------------------|
| Miscellaneous:                          |          |          |        |                         |
| Submission- Information Disclosure Stmt | 1806     | 1        | 180    | 180                     |
|   | Tota     | O (\$)   | 640    |                         |